

MAY 17 2004

Sheet 1 of 2

<b>FORM PTO-1449 (Modified)</b>  <b>LIST OF PATENTS AND PUBLICATIONS</b> <b>FOR APPLICANT'S INFORMATION</b> <b>DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>PATENT DOCKET NO.</b> 2000-IP-002115UIP3P2	<b>SERIAL NO.</b> 10/822,459
	<b>APPLICANT</b> Ashok K. Santra et al.	
	<b>FILING DATE</b> April 12, 2004	<b>GROUP</b> <del>unknown</del> 3676

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
CS	AA	1,943,584	01/16/34	Cross	252	6	
	AB	3,887,385	06/03/75	Quist et al.	106	96	
	AC	4,435,216	03/06/84	Diehl et al.	106	97	
	AD	5,383,967	01/24/95	Chase	106	737	
	AE	5,435,846	07/25/95	Tatematsu et al.	106	813	
	AF	6,145,591	11/14/00	Boncan et al.	166	291	
	AG	6,230,804 B1	05/15/01	Mueller et al.	166	293	
	AH	6,508,305 B1	01/21/03	Brannon et al.	166	293	
	AI	6,565,647 B1	05/20/03	Day et al.	106	813	
	AJ	6,626,243 B1	09/30/03	Boncan	166	293	
	AK	6,475,275 B1	11/05/02	Nebesnak et al.	106	803	
CS	AL	6,235,809 B1	05/22/01	Arias et al.	523	130	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
CS	AM	JP 52117316	01/10/77	Japan			X	
	AN	JP 1011487	04/28/98	Japan			X	
	AO	SU 1373781 A	02/15/88				X	
	AP	2,153,372	01/09/96	Canada	CO4B	18/12	X	
CS	AQ	PCT 01/70646 A1	09/27/01	PCT	CO4B	28/04	X	

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CS	AR	Paper entitled "Zeolite P In Cements: Its Potential For Immobilizing Toxic And Radioactive Waste Species," by M. Atkins, et al., dated 1994.
CS	AS	Powder Diffraction File, PFD, Alphabetical Indexes for Experimental Patterns, Inorganic Phases, Sets 1-52, dated 2002.
CS	AT	Foreign communication from a related counterpart application dated March 25, 2004

EXAMINER

George Suchfield

DATE CONSIDERED

11/2/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

MAY 17 2004

Sheet 2 of 2

FORM PTO-1449 (Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	APPY. DOCKET NO. 2000-IP-002115U1P3P2	SERIAL NO. 10/822,459
	APPLICANT Ashok K. Santra et al.	
	FILING DATE April 12, 2004	GROUP <del>unknown</del> 3676

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
69	AA	US 2002/0077390 A1	06/20/02	Gonnon et al.	524	42	
	AB	US 2002/0091177 A1	07/11/02	Gonnon et al.	524	5	
	AC	US 2003/0203996 A1	10/30/03	Gonnon et al.	524	5	
	AD	US 2002/0157575 A1	10/31/02	DiLullo et al.	106	711	
	AE	US 2004/0007162 A1	01/15/04	Morioka et al.	106	714	
	AF	US 2004/0040475 A1	03/04/04	Roi j	106	819	
69	AG	US 2002/0117090 A1	08/29/02	Ku	106	737	
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	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
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69	AM	EP 0 1260 491 A1	11/27/02	Europe	G04B	28/02	X	
69	AN	763.998	11/16/33	France				X
	AO							
	AP							
	AQ							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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AT		

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George Suchfield

DATE CONSIDERED

11/2/05

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<b>FORM PTO-1449 (Modified)</b> <b>LIST OF PATENTS AND PUBLICATIONS</b> <b>FOR APPLICANT'S INFORMATION</b> <b>DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. 2000-IP-002115U1P3	SERIAL NO. 10/727,370
	APPLICANT Karen Luke et al.	
	FILING DATE December 4, 2003	GROUP <del>1755</del> 3676

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
69	AA	6,616,753 B2	09/09/03	Reddy et al.	106	718	
	AB	6,626,243 B1	09/30/03	Boncan et al.	166	293	
	AC	US 2004/0108113	06/10/04	Luke et al.	166	292	
	AD	US 2004/0107877	06/10/04	Getzlaf et al.	106	813	
69	AE	US 2004/0112600	06/17/04	Luke et al.	166	295	
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	AJ						
	AK						
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## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
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	AM							
	AN							
	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

69	AR	Portland Cement Association, "Portland Cement, Concrete, and Heat of hydration", Concrete Technology Today, (1997), pp.1-4, Vol.18, No. 2, Construction Information Services Department of the Portland Cement Association.
69	AS	International Center for Materials Technology Promotion, "Special Cements and Their Production Technology: CSA Series, Hydraulic Cement Series, Oil Well Cement Series etc: Hydraulic Engineering Cement", (2003).
	AT	

EXAMINER

George Suchfield

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11/2/05

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<b>FORM PTO-1449 (Modified)</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> 2000-IP-002115UIP3P2	<b>SERIAL NO.</b> 10/738,199
	<b>APPLICANT</b> Karen Luke et al.	
	<b>FILING DATE</b> December 17, 2003	<b>GROUP</b> <del>1755</del> 3676

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
67	AA 5,626,665	05/06/97	Barger et al.	106	706	
	AB 5,788,762	08/04/98	Barger et al.	106	706	
	AC 6,409,819 B1	06/25/02	Ko	106	707	
	AD 6,572,698 B1	06/03/03	Ko	106	772	
	AE 6,645,289 B2	11/11/03	Sobolev et al.	106	705	
67	AF US 2004/0188091	09/30/04	Luke et al.	166	291	
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No
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	AN						
	AO						
	AP						
	AQ						

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	
AS	
AT	

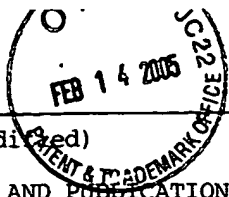
EXAMINER

George Suchfield

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<b>FORM PTO-1449</b> (Modified) <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> 2000-IP-002115U1P3P2	<b>SERIAL NO.</b> 10/822,459
	<b>APPLICANT</b> Karen Luke et al.	
	<b>FILING DATE</b> April 12, 2004	<b>GROUP</b> 1755 <b>3676</b>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
<b>GS</b>	AA	2,349,049	05/16/44	Means	<del>252</del>	<del>8.5</del>	
	AB						
	AC						
	AD						
	AE						
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	AK						
	AL						

**FOREIGN PATENT DOCUMENTS**

		Document No.	Date	Country	Class	Subclass	Translation Yes   No	
<b>GS</b>	AM	JP 07 003254	01/06/95	Japan			X	(abstract only)
	AN							
	AO							
	AP							
	AQ							

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

<b>GS</b>	AR	Foreign communication from related counterpart application dated November 25, 2004.
	AS	
	AT	

EXAMINER

George Suchfield

DATE CONSIDERED

11/2/05

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APR 04 2005

Sheet 1 of 2

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS  
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DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.  
2000-IP-002115U1P3P2SERIAL NO.  
10/822,459APPLICANT  
Karen Luke et al.FILING DATE  
April 12, 2004GROUP  
1755 3620

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
GS	AA	US 2003/0153466 A1	08/14/03	Allen et al.	504	358	
	AB	US 2004/0188092	09/30/04	Santra et al.	166	291	
	AC	US 2004/0244977	12/09/04	Luke et al.	166	292	
GS	AD	US 2005/0000734	01/06/05	Getzlaf et al.	175	73	
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## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
GS	AM	EP 1 428 805 A1	06/16/04	Europe	C04B	14/04	X	
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	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GS	AR	Office action from a related counterpart application dated November 9, 2004.
GS	AS	Office action from a related counterpart application dated September 10, 2004.
GS	AT	Office action from a related counterpart application dated June 25, 2004.

EXAMINER

George Suchfield

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11/2/05

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Sheet 2 of 2

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS  
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(Use several sheets if necessary)

ATTY. DOCKET NO.  
2000-IP-002115U1P3P2SERIAL NO.  
10/822,459APPLICANT  
Karen Luke et al.FILING DATE  
April 12, 2004GROUP  
1755

## U.S. PATENT DOCUMENTS

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	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

69	AR		Office action from a related counterpart application dated December 4, 2003.					
69	AS		Foreign communication from a related counterpart application dated August 23, 2004.					
	AT							

EXAMINER

George Suchfield

DATE CONSIDERED

11/2/05

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Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	1
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**Complete if Known**

Application Number	10/822,459
Filing Date	04/12/04
First Named Inventor	Ashok K. Santra
Art Unit	1755 3626
Examiner Name	unknown
Attorney Docket Number	2000-IP-002115U1P3P2

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature	George Suchfield	Date Considered	11/2/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*



Substitute for form 1449/PTO

**(Use as many sheets as necessary)**

Sheet	1	of	2
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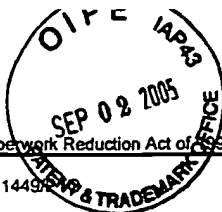
Application Number	10/822,459
Filing Date	04/12/2004
First Named Inventor	Ashok Santra
Art Unit	4755 3676
Examiner Name	unknown
Attorney Docket Number	2000-IP-002115U1P3P2

[illegible][illegible]

11/2/05

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/822,459
Filing Date	04/12/2004
First Named Inventor	Ashok Santra
Art Unit	1755 3676
Examiner Name	unknown
Attorney Docket Number	2000-IP-002115U1P3P2

Sheet	2	of	2
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
09	1	Foreign communication from a related counterpart application dated July 28, 2005.	

Examiner Signature	George Suchfield	Date Considered	11/2/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/822,459
Filing Date	04/12/2004
First Named Inventor	Ashok Santra
Art Unit	1755 3676
Examiner Name	unknown
Attorney Docket Number	2000-IP-002115U1P3P2

Sheet 1 of 2

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
GS	1	US- 2,094,316	0928/1937	Cross	
	2	US- 2,727,001	12/13/1955	Rowe	
	3	US- 3,047,493	07/31/1962	Rosenberg	
	4	US- 4,468,334	0828/1984	Cox et al.	
	5	US- 4,548,734	10/22/1985	Chaux et al.	
	6	US- 4,552,591	1112/1985	Millar	
	7	US- 4,650,593	03/17/1987	Singerland	
	8	US- 4,772,307	09/20/1988	Kiss et al.	
	9	US- 5,807,810	09/15/1998	Bleazard et al.	
	10	US- 6,722,434 B2	04/20/2004	Reddy et al.	
	11	US- 6,767,868 B2	07/27/2004	Dawson et al.	
	12	US- 6,889,767 B2	0510/2005	Reddy et al.	
	13	US- 2004/0262000 A1	12/30/2004	Morgan et al.	
	14	US- 2004/0262001 A1	12/30/2004	Caveny et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
GS	1	WO 98/54108	12/03/1998	Sobolev		

Examiner  
Signature

George Suchfield

Date  
Considered

11/2/05

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

**Complete if Known**

Application Number	10/822,459
Filing Date	04/12/2004
First Named Inventor	Ashok Santra
Art Unit	1755 3676
Examiner Name	unknown
Attorney Docket Number	2000-IP-002115U1P3P2

[illegible]

Examiner Signature	George Suchfield	Date Considered	11/2/05
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<b>FORM PTO-1449 (Modified)</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> 2000-IP-002115U1P3P2	<b>SERIAL NO.</b> unknown
	<b>APPLICANT</b> Ashok K. Santra et al.	
	<b>FILING DATE</b> concurrently herewith	<b>GROUP</b> <del>unknown</del> 3676

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
GS	AA	3,694,152	09/26/72	Sersale et al.	423	329	
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	AC	4,482,379	11/13/84	Dibrell et al.	106	76	
	AD	4,888,120	12/19/89	Mueller et al.	252	8.551	
	AE	5,383,967	01/24/95	Chase	106	737	
	AF	5,435,846	07/25/95	Tatematsu et al.	106	813	
	AG	5,494,513	02/27/96	Fu et al.	106	672	
	AH	5,529,624	06/25/96	Riegler	106	675	
	AI	6,145,591	11/14/00	Boncan et al.	166	291	
	AJ	6,170,575 B1	01/09/01	Reddy et al.	166	293	
	AK	6,171,386 B1	01/09/01	Sabins	106	724	
GS	AL	6,245,142 B1	06/12/01	Reddy et al.	106	724	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
GS	AM	1,469,954	04/14/77	London England	E08L	95/00	X	
	AN							
	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GS	AR	SPE 20624 entitled "Acidization of Analcime-Cementing Sandstone, Gulf Of Mexico", by D.R. Underdown et al., dated 1990.
GS	AS	SPE 39595 entitled "Designing a Remedial Acid Treatment for Gulf of Mexico Deepwater Turbidite Sands Containing Zeolite Cement", by B.A. Rogers et al., dated 1998.
GS	AT	Paper entitled "Tectonics, fluid migration, and fluid pressure in a Deformed forearc basin, Cook Inlet, Alaska", by R.L. Bruhn et al., Pages 550-563, dated 2000.

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	<b>APPLICANT</b> Ashok K. Santra et al.	
	<b>FILING DATE</b> concurrently herewith	<b>GROUP</b> unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
69	AA	6,379,456 B1	04/30/02	Heathman et al.	106	724	
	AB	6,494,951 B1	12/17/02	Reddy et al.	106	705	
	AC	4,141,843	02/27/79	Watson	252	8.55 R	
	AD	4,217,229	08/12/80	Watson	252	8.55 R	
	AE	4,444,668	04/24/84	Walker et al.	252	8.55 R	
	AF	4,530,402	07/23/85	Smith et al.	166	291	
	AG	4,536,297	08/20/85	Loftin et al.	252	8.5 C	
	AH	4,717,488	01/05/88	Seheult et al.	252	8.551	
	AI	5,716,910	02/10/98	Totten et al.	507	102	
	AJ	5,759,964	06/02/87	Shuchart et al.	507	209	
69	AK	5,789,352	08/04/98	Carpenter et al.	507	209	
	AL						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

69	AR	Paper entitled "Hydraulic Conductivity Measurement On Discrete Samples Collected From Leg 141, Site 863", by Kevin Brown, pages 401-405, dated 1995.
69	AS	Paper entitled "Alteration of Clay Minerals And Zeolites In Hydrothermal Brines", by Sridhar Komarneni et al., pages 383-391, dated 1983.
69	AT	Paper entitled "A Non-Conventional Way of Developing Cement Slurry For Geothermal Wells", by V. Barlet-Gouedard et al., pages 85-91, dated 2001.

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	APPLICANT Ashok K. Santra et al.	
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
CS	AA	5,851,960	12/22/98	Totten et al.	507	118	
	AB	5,866,517	02/02/99	Carpenter et al.	507	226	
	AC	5,990,052	11/23/99	Harris	507	214	
	AD	6,063,738	05/16/00	Chatterji et al.	507	269	
	AE	6,070,664	06/06/00	Dalrymple et al.	166	281	
	AF	6,213,213 B1	04/10/01	van Batenburg	166	300	
	AG	6,283,213 B1	09/04/01	Chan	166	291	
	AH	6,488,091 B1	12/03/02	Weaver et al.	166	300	
	AI	6,555,505 B1	04/29/03	King et al.	507	202	
	AJ	6,566,310 B2	05/20/03	Chan	507	211	
	AK	6,478,869 B2	11/12/00	Reddy et al.	106	724	
CS	AL	4,557,763	12/10/85	George et al.	106	90	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CS	AR	Paper entitled "Portland-Zeolite-Cement For Minimizing Alkali-Aggregate Expansion", by R. Sersale, pages 404-410, dated 1987.
	AS	Paper entitled "Zeolite Crystallization In Portland Cement Concrete Due To Alkali-Aggregate Reaction", by S.A. Marfil et al., paged 1283-1288, dated 1993.
CS	AT	Paper entitled "A study on the hydration rate of natural zeolite blended Cement pastes", by C.S. Poon et al., pages 427-432, dated 1999.

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	APPLICANT Ashok K. Santra et al.	
	FILING DATE unknown	GROUP unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
69	AA	5,151,131	09/29/92	Burkhalter et al.	106	822	
	AB	5,340,860	08/23/94	Brake et al.	524	166	
	AC	5,680,900	10/28/97	Nguyen et al.	166	295	
	AD	6,405,801 B1	06/18/02	Vijn et al.	166	293	
	AE	6,565,647 B1	05/20/03	Day et al.	106	813	
	AF	3,359,225	12/19/67	Weisend	260	29.6	
	AG	4,515,635	05/07/85	Rao et al.	106	90	
	AH	4,555,269	11/26/85	Rao et al.	106	90	
	AI	4,676,317	06/30/87	Fry et al.	166	293	
	AJ	4,703,801	11/03/87	Fry et al.	166	293	
	AK	4,818,288	04/04/89	Alignesberger et al.	106	90	
69	AL	5,121,795	06/16/92	Ewert et al.	166	292	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

69	AR	Paper entitled "Zeolite ceramsite cellular concrete", by N-Q. Feng Pages 117-122, dated 2000.
69	AS	Paper entitled "Immobilization of caesium-loaded ion exchange resins in Zeolite-cement blends", by Sandor Bagosi et al., pages 479-485, dated 1999.
69	AT	Paper entitled "Effect of Bentonite and Zeolite on Durability of Cement Suspension under Sulfate Attack", by Ivan Janotka, pages 710-715, dated 1988.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
GS	AA	5,123,487	06/23/92	Harris et al.	166	277	
	AB	5,125,455	06/30/92	Harris et al.	166	292	
	AC	5,127,473	07/07/92	Harris et al.	166	277	
	AD	5,238,064	08/24/93	Dahl et al.	166	293	
	AE	5,346,012	09/13/94	Heathman et al.	166	293	
	AF	4,515,216	05/07/85	Childs et al.	166	293	
	AG	5,252,554	10/12/93	Mueller et al.	507	138	
	AH	5,913,364	06/22/99	Sweatman	166	281	
	AI	6,060,434	05/09/00	Sweatman et al.	507	216	
	AJ	6,167,967 B1	01/02/02	Sweatman	166	281	
	AK	6,258,757 B1	07/10/01	Sweatman et al.	507	219	
GS	AL	6,508,306 B1	01/21/03	Reddy et al.	166	295	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GS	AR	Paper entitled "Reuse of waste catalysts from petrochemical industries For cement substitution", by Nan Su et al., pages 1773-1783, dated 2000.
GS	AS	Paper entitled "Extreme vertices design of concrete with combined Mineral admixtures", by Jian-Tong Ding et al., pages 957-960, dated 1999.
GS	AT	Paper entitled "The Properties of Mortar Using Blends With Portland Cement Clinker, Zeolite Tuff and Gypsum", by Ivan Janotka, et al., pages 105-110, dated 1995.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
GS	AA	6,315,042 B1	11/13/01	Griffith et al.	166	291	
	AB	6,138,759	10/31/00	Chatterji et al.	166	293	
	AC	6,524,384 B2	02/25/03	Griffith et al.	106	705	
	AD	6,660,080 B2	12/09/03	Reddy et al.	106	724	
	AE	6,610,139 B2	08/26/03	Reddy et al.	106	724	
	AF	6,457,524 B1	10/01/02	Roddy	166	293	
	AG	5,711,383	01/27/98	Terry et al.	175	72	
	AH	5,964,692	10/12/99	Blezard et al.	516	59	
	AI	5,314,022	05/24/94	Cowan et al.	166	293	
	AJ	5,301,752	04/12/94	Cowan et al.	166	292	
	AK	5,307,876	05/03/94	Cowan et al.	166	293	
GS	AL	5,501,276	03/26/96	Weaver et al.	166	291	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GS	AR	Paper entitled "Study on the suppression effect of natural zeolite on Expansion of concrete due to alkali-aggregate reaction", by Feng Naigian et al., pages 17-24, dated 1998.
GS	AS	Paper entitled "Comparative study of the initial surface absorption and Chloride diffusion of high performance zeolite, silica fume and PFA Concrete", by Sammy Y.N. Chan et al., pages 293-300, dated 1999.
GS	AT	Paper entitled "A study on the hydration rate of natural zeolite Blended cement pastes", by C.S. Poon et al., pages 427-432, dated 1999.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
69	AA	5,464,060	11/07/95	Hale et al.	166	293	
69	AB	US 2001/0014651 A1	08/16/01	Reddy et al.	502	408	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

69	AR	Baroid Brochure entitled "AQUAGEL GOLD SEAL®" dated 2002.
		Halliburton brochure entitled "CFR-2 Cement Friction Reducer" dated 1999.
	AS	Halliburton brochure entitled "CFR-3 Cement Friction Reducer" dated 1998.
		Halliburton brochure entitled "D-Air 2 Anti-Foam Agent" dated 1999.
	AT	Halliburton brochure entitled "Halad®-344 Fluid-Loss Additive dated 1998.
69		Halliburton brochure entitled "Halad®-413 Fluid-Loss Additive" dated 1999.

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	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

69	AR	Halliburton brochure entitled "HR@-5 Cement Additive" dated 1998.
		Halliburton brochure entitled "HR@-7 Cement Retarder" dated 1999.
	AS	Halliburton brochure entitled "MICROSAND Cement Additive" dated 1999.
		Halliburton brochure entitled "SSA-1 Strength-Stabilizing Agent dated 1998.
69	AT	Halliburton brochure entitled "SSA-2 Coarse Silica Flour" dated 1999.

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							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GS	AR	Halliburton brochure entitled "Baroid BARAZAN® PLUS" dated 2002.
		Halliburton brochure entitled "Baroid EZ-MUD® Shale Stabilizer" dated 2002.
	AS	Halliburton brochure entitled "Baroid INVERMUL® Emulsifier" dated 2002.
		Halliburton brochure entitled "Baroid EZ MUL® Emulsifier" dated 2002.
GS	AT	Halliburton brochure entitled "Baroid EZ MUL® NTE Emulsifier" dated 2002.
		Halliburton brochure entitled "Baroid GELTONE® II Viscosifer" dated 2002.

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	AI						
	AJ						
	AK						
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		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AM							
	AN							
	AO							
	AP							
	AQ							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GS	AR	Halliburton brochure entitled "Baroid GELTONE® V Viscosifier" dated 2002.
GS	AS	Halliburton brochure entitled "Baroid DURATONE® HT Filtration Control Agent" dated 2002.
	AT	

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